

Deepwater Horizon SITREP

05/11/2010 0600 - 05/11/2010 1900

Division: Chalmette, St. Bernard Parish LA

Monitoring Locations: 3 Air Monitoring Locations, monitoring continues.

1. C02 - located at Fire Station number 8, Poydras LA - 29.86609N., -89.89108W
2. C03 - located at the Emergency Operations Center, Hopedale, LA - 29.82209N., -89.60862W
3. C04 – located at Fire Station on Aycock St in Chalmette, LA - 29.96082, -90.00132
4. C05 – located at Fire Station number 11, Hopedale, LA (coordinates pending)

Air Monitoring Equipment: Each location has 5 pieces of air equipment (currently no spares). BP has mobilized a large response crew into Hopedale, staging out of the Emergency Operations Center. They have begun parking vehicles near the C03 location. The air team lead has mobilized to the site, located an auxiliary location at St. Bernard Parish fire station number 11. Air monitoring/sampling equipment at location C03 was shut down at 1600. Equipment was moved and running by 1800. The data manager tested the EBAM connection and verified the communication link was working and data transmission was operational.

1. DataRam - monitoring particulate matter
2. AreaRae - monitoring VOCs
3. PQ200 - samples for PM2.5
4. Suma Canister per location - sample for VOCs
5. EBAM – monitoring particulate matter

Samples Collected:

- 4 – Water
- 4 – Sediment
- 4 - Toxicity
- 8 – Suma Canisters (VOCs)
- 3 – Filters (24-hour 2.5 particulate)

Air Sampling/Monitoring Operations Team:

- Hourly average monitoring data through approximately 2200 05/10/2010 has been published to SCRIBE at 1230 5/11/2010.
- Sample location information for 5/11/2010 was published at 2000 05/11/2010.
- 3 monitoring locations were checked at approximately 1.5-2 hour intervals beginning at 0600 this operational period.
 - AreaRAEs/MultiRae instruments reported 0 VOC exceedances.
 - Crews did not encounter problems with the PID detector during the morning hours. The team will implement only calibrating the AreaRae instruments during daylight (lower humidity) operations, and bump testing the units during each shift.
 - Data Ram instruments reported 0 particulate exceedances
 - EBAM instruments reported 0 particulate exceedances
- Additional equipment has been implemented to conduct Benzene monitoring if the VOC levels exceed the 10 PPM action level.
- 8 Suma canisters (for VOCs) were collected during this operational period to be shipped to the contracted laboratory for analysis. Summa canister at location C03
- 3 Filters were collected from PQ200 samplers during 05/11/2010 0600-1400 operations.
- All operations currently nominal

Water Operations Team:

- On 5/11/10 water operation team continued operations in the Terrebonne Bay (SE Terrebonne Parish) area to collect water and sediment samples from pre-identified locations (NCA10-2331, NCA10-2337, NCA10-2327, and NCA10-2338).
- No oiled wildlife observed as of 1900.
- Visual oil was detected and odors noted. Team reported a light sheen on the water near in Terrebonne Bay. GPS coordinates for the sheens:
 - 29.20403 N, 90.40278 W. long finger of sheen as far as line of site permitted ½ mile wide.
 - 29.16747 N, 90.48008 W. long finger of sheen as far as line of site permitted 1 mile wide
- Weather conditions were moderate for water operations on 05/11/2010.
- Weather conditions are forecasted to be moderate for water operations on 5/12/10.

Current EPA Assets

- Deployed to Chalmette, LA
 - 1 OSC
 - 16 START personnel
 - 1 EPA LRV

Division: Venice, Plaquemines Parish, LA

Air Monitoring Locations:

1. V02 - located at USCG in Venice, LA, 29.25274 N, 89.35750 W
2. V03 - located at Welding Supply Co. in Boothville, LA, 29.31449 N, 89.38433 W
3. V05 - located at Fort Jackson, 29.35699 N, 89.45487 W

Air Monitoring Equipment: Each location has 5 pieces of air equipment:

1. DataRam - monitoring particulate matter
2. AreaRae/MultiRae - monitoring VOCs/H₂S/CO
3. PQ200 - samples for PM 2.5
4. Summa Canister - sample for VOCs
5. EBAM particulate monitors (PM10) have been deployed

Samples collected

- 0 – Water
- 0 – Sediment
- 9 – Summa Canisters (VOCs)
- 3 – Filters (24-hour PM 2.5)

Air Sampling/Monitoring Operations Team:

- Hourly average monitoring data through approximately 1800 05/11/2010 has been published to SCRIBE at 1930.
- 24-hour air monitoring and sampling continues at the locations above.
- All 3 monitoring locations were last checked at approximately 0530 this morning.
- MultiRaes/AreaRaes are rotated at each location, and brought in to the MCP for data downloading and charging at approximately 8-hour intervals. DataRams are downloaded in the field at 8-hour intervals.
- EBAM particulate monitors were deployed at all three monitoring locations and are being tested.
- Instruments are kept in operation using external rechargeable batteries. Marine batteries have been obtained to extend battery life if needed. Options for AC power are being evaluated at locations V02 and V03.
- The stations are visited hourly and the AreaRAEs/MultiRae are read to determine the maximum reading from the last equipment download and battery levels checked. This number is relayed back to the Venice CP.
- EBAM particulate monitors are deployed at all three monitoring locations.

Water Operations Team:

- Water operations were not conducted.

Current EPA Assets

- Deployed to Venice, LA
 - 1 OSC
 - 12 START personnel
 - 1 MCP
 - One EPA Gooseneck Trailer
 - One EPA 20 KW Generator